

Converting Colors

YUV(198.8670, -92.6184,
-20.0544)

Have a look what the booklet for
YUV(198.8670, -92.6184, -20.0544)
contains.

YUV(198.8670, -92.6184, -20.0544)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(198.8670, -92.6184,
-20.0544)**

Conversions

Conversions Part 1

Format	Color
Hex	B0F70B
RGB	176, 247, 11
RGB Percent	69%, 97%, 4%
CMY	0.3098, 0.0314, 0.9569
CMYK	0.29, 0.00, 0.96, 0.03
HSL	78°, 94%, 51%
HSV	78°, 96%, 97%
XYZ	51.2257, 75.7758, 12.2429
YIQ	198.8670, 33.4400, -88.4480

Conversions

Conversions Part 2

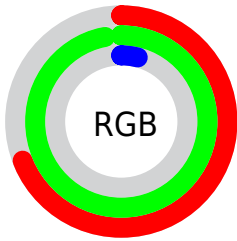
Format	Color
RYB	11, 247, 82
Decimal	11597579
CIELab	89.76, -48.94, 85.80
CIELCh	90, 98.781, 119.700
Yxy	75.7758, 0.3679, 0.5442
Android (android.graphics.Color)	4289787659 (0xFFB0F70B)
YUV	198.8670, -92.6184, -20.0544
Hunter-Lab	87.0493, -47.2948, 52.5957

Details

The YUV color **198.8670, -92.6184, -20.0544** is a dark color, and the websafe version is hex **CCFF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **59.1330, 92.6184, 20.0544**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.3780, -67.2344, 4.9305**, and **146.2140, -72.0835, -26.4977** is the 20% darker color. If you saturate the color by 10%, you get **196.7160, -96.9810, -20.7989**, and if you desaturate by 10%, it is **203.8100, -82.7303, -18.2504**.

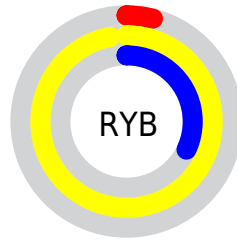
Distribution



Red (69%)

Green (97%)

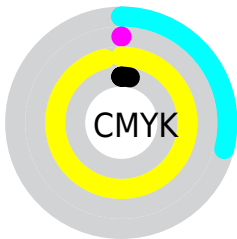
Blue (4%)



Red (4%)

Yellow (97%)

Blue (32%)

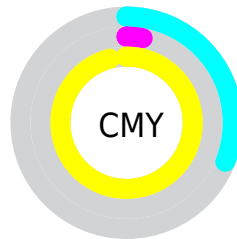


Cyan (29%)

Magenta (0%)

Yellow (96%)

Black (3%)



Cyan (31%)

Magenta (3%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.8670, -92.6184, -20.0544 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 198.8670, -92.6184, -20.0544 by changing the saturation by 10% instead.

198.8670,
-92.6184, -20.0544

198.8670,
-92.6184, -20.0544

255.0000, 0.0000,
0.0000

171.6200,
-84.6087, -22.4687

231.3780,
-67.2344, 4.9305

146.2140,
-72.0835, -26.4977

240.2940,
-56.3469, 12.8972

121.3950,
-59.8477, -31.0414

243.6000,
-43.6798, 9.9978

96.2770, -47.4646,
-36.1999

247.0200,
-30.5759, 6.9985

66.6630, -32.8649,
-52.3245

250.4400,
-17.4719, 3.9991

49.8950, -24.5982,
-43.7579

253.8600, -4.3680,

35.8070, -17.6529,

0.9998

-31.4027

■ 22.8930, -11.2862,
-20.0772

■ 0.0000, 0.0000,
0.0000

■ 198.8670,
-92.6184, -20.0544

■ 198.8670,
-92.6184, -20.0544

■ 196.7160,
-96.9810, -20.7989

■ 203.8100,
-82.7303, -18.2504

■ 208.9380,
-73.4264, -15.7316

■ 213.8810,
-63.5383, -13.9276

■ 219.1230,
-53.7976, -11.5089

■ 224.0660,
-43.9095, -9.7049

■ 229.1940,
-34.6056, -7.1861

■ 234.1370,
-24.7175, -5.3821

■ 239.0800,
-14.8294, -3.5782

■ 244.2080, -5.5255,
-1.0594

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



205.9720, -101.5442, 42.9976



198.8670, -92.6184, -20.0544



163.8210, -19.6318, -143.6710

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



198.8670, -92.6184, -20.0544



178.7550, 37.5888, -156.7681



174.7800, 27.7165, 70.3529

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



198.8670, -92.6184, -20.0544



59.1330, 92.6184, 20.0544

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



195.7130, 29.2285, 51.9947



198.8670, -92.6184, -20.0544



168.7760, 42.5084, -148.0166

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



198.8670, -92.6184, -20.0544



178.7550, 37.5888, -156.7681



211.9400, 21.2286, 4.4376



174.1570, -17.8254, 70.8993

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



198.8670, -92.6184, -20.0544



171.2310, 8.7601, -150.1696



211.9400, 21.2286, 4.4376



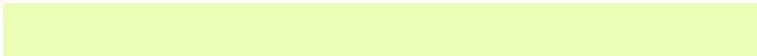
181.0380, 36.4633, 64.8647

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



198.8670, -92.6184, -20.0544



239.9860, -29.0801, -6.1267



123.2410, -55.3348, 108.5366



118.6840, -17.5922, -4.1079



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



198.8670, -92.6184, -20.0544



202.9070, -100.0332, -21.8434



163.5850, -75.2244, -92.5980



119.7350, -4.7994, -0.6446



148.0520, -72.9896, -15.8316



46.8920, -23.1178, -5.1673

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



59.1330, 92.6184, 20.0544



52.0930, 100.0332, 21.8434



94.4150, 75.2244, 92.5980



112.5640, 4.6519, 1.2594



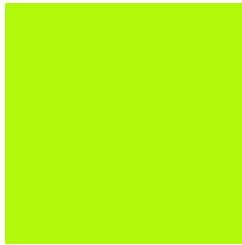
37.9480, 72.9896, 15.8316



12.1080, 23.1178, 5.1673

Previews

White Background



This preview shows how the YUV color 198.8670, -92.6184, -20.0544 looks on a white background.

Color Contrast Check

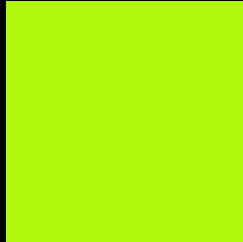
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 198.8670, -92.6184, -20.0544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 198.8670, -92.6184, -20.0544 Background



This preview shows how black text looks on a background with the YUV color 198.8670, -92.6184, -20.0544.



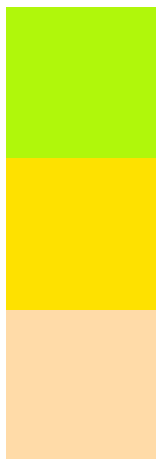
This preview shows how white text looks on a background with the YUV color 198.8670, -92.6184, -20.0544.

-20.0544.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

198.8670, -92.6184, -20.0544

Protanopia

208.0210, -102.5544, 40.3236

Deuteranopia

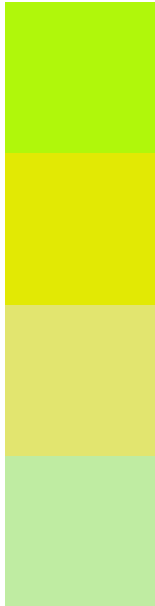
223.9500, -27.5833, 27.2309



Tritanopia

222.7830, 12.4320, -20.8577

Trichromacy



Original Color

198.8670, -92.6184, -20.0544

Protanomaly

204.8010, -98.9949, 18.5915

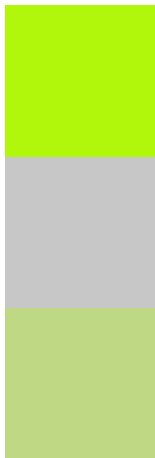
Deuteranomaly

214.6510, -51.0999, 9.9531

Tritanomaly

214.1090, -25.6897, -20.2666

Monochromacy



Original Color

198.8670, -92.6184, -20.0544

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.8350, -33.4427, -6.8713

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.8670, -92.6184, -20.0544 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(176, 247, 11)` looks like.

```
.text, #text, p{  
    color:rgb(176, 247, 11)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(176, 247, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 247, 11) }
```

Border

The CSS property to change the border of an element to YUV 198.8670, -92.6184, -20.0544 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 247, 11) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(176, 247, 11) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(176, 247, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 247, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 247, 11);  
box-shadow:4px 4px 4px 4px rgb(176, 247,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 198.8670, -92.6184, -20.0544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 247, 11) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(176,  
247, 11) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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